Anaïs Remili
(she/her)

Department of Natural Resource Sciences,
Faculty of Agriculture and Environmental Sciences,
McGill University
21111 Lakeshore Dr
Saint-Anne-de-Bellevue, QC, H9X3V9

Website: anaisremili.com
Tel: (438)-221-2812
Email: anais.remili@mail.mcgill.ca
Twitter (@anaremili) – LinkedIn – ResearchGate

Highlights

- PhD awarded in September 2023 with 5 published peer-reviewed first-author publications.
- Postdoctoral work funded by the SeaDoc Society, PhD funded by the FRQNT, CREATE E-I program and ECOTOQ (all grants and awards totalling > $180,000).
- Science communicator (bilingual English/French) with 4 years of experience, an invited TED talk (TEDx Cape May 2023), appearances on national broadcasts, National Geographic, and editor-in-chief of Whale Scientists, an online marine mammal science communication platform by early-career researchers.
- > 7 years of research experience with marine mammals, in the field and in the laboratory.

Current position

October 2023 – June 2024	Postdoctoral researcher, Department of Natural Resource Sciences Faculty of Agriculture and Environmental Sciences, McGill University (Canada), funded by SeaDoc grant to study the diet composition of the endangered Southern Resident killer whales, in collaboration with NOAA and DFO.

Education

2019 – 2023	PhD in Renewable Resources, Department of Natural Resource Sciences Faculty of Agriculture and Environmental Sciences, McGill University (Canada)
2016 - 2018	MSc in Marine Environment and Resources (MER) Erasmus Mundus Joint Program University of Bordeaux (France), University of the Basque Country (Spain), University of Liege (Belgium), University of Southampton (UK) *Suma cum Laude, class valedictorian*
2012 - 2016	BSc in Biology of the Organisms & Populations University Claude Bernard, Lyon I (France)

Research experience & training

January 2019-September 2023	**PhD candidate and research assistant** at McGill University (Canada) under the supervision of Dr. Melissa McKinney and co-supervision of Dr. Robert J. Letcher. (Comprehensive exam passed on September 16th, 2020) My research aims to determine how the dietary preferences of North Atlantic orcas influence their contaminant concentration and the potential associated health effects.

Skills include review of scientific literature, research design, coordination with many international colleagues for CITES permits and sample shipping, contaminant and fatty acid extraction and quantification, gas chromatography (GC/MS & GC/FID), compound specific stable isotope analyses (and IRMS training), data analysis including quantitative fatty acid models, generalized linear mixed models, PCAs, cluster analyses, etc.

August 2023 — **Team leader** for the EarthWatch citizen science program at the Icelandic Orca Project (Vestmannaeyjar, Iceland)

I trained, taught and supervised a team of EarthWatch citizen scientists on killer whale surveys, both at sea, and on land. The team included citizens of each continent, from various backgrounds.

July 2022 — **Field assistant** with the Icelandic Orca Project (Vestmannaeyjar, Iceland), under the supervision of Dr. Filipa I.P. Samarra

I participated in killer whale biopsy collection using Aerial Rocket Tag System pneumatic darting system. I also delivered an invited lecture to the IOP staff and IOP Earth Watch volunteers about my research on North Atlantic killer whales.

May-July 2019 — **Research internship** at Environment and Climate Change Canada at the Natural Wildlife Research Center, at Carleton University in Ottawa (Canada), under the supervision of Dr. Robert J. Letcher.
I performed an extraction and analysis of persistent organic pollutants, including emerging flame retardants in 64 biopsy samples of killer whales (*Orcinus orca*) sampled in Iceland.
Skills include review of scientific literature, research design, data analysis on R (PCA, generalized linear models, cluster analyses), laboratory skills: Gas chromatography with mass spectrometry, contaminant extraction and purification, biohazard certification, hazardous waste certification, Workplace Hazardous Materials Information System (WHMIS) certification

March 2018 — **Research internship** at the Toxicology Center of the University of Antwerp (Belgium) under the supervision of Dr. Adrian Covaci.

I conducted the analysis of persistent organic pollutants on 150 biopsy samples of humpback whales, seals and killer whales.
Skills include Contaminant extractions and quantification on GC/MS, data analysis on R (PCA, generalized linear models, cluster analyses), biohazard training

February – September 2018 — **Master thesis** at the University of Liège, Belgium under the supervision of Dr. Krishna Das

I conducted the analysis of stable isotopes in biopsies from two populations of whales from the southern hemisphere.
Skills include review of scientific literature, research design, data analysis on R (PCA, generalized linear models, cluster analyses), stable isotope extraction and EA/IRMS operation.

November – December 2017 — **Necropsy assistant** at the University of Liège, Belgium under the supervision of Dr. Thierry Jauniaux

I got trained and assisted with four necropsies of stranded marine mammals including two porpoises, on common dolphin and a grey seal. The training allowed me to perform my own porpoise necropsy, and identify the cause of death.
Skills include autopsy, marine mammal anatomy

June 2017 – August 2017 **Research assistant** at the Wise Laboratory of Environmental & Genetic Toxicology, at the University of Louisville, KY (USA) under the supervision of Dr. John P. Wise Sr.

I developed and cultivated humpback and alligator skin and lung cell lines to treat them with hexavalent chromium and assess the effects of chromium on fibroblast mitosis. The internship also included a week-long field campaign in the Gulf of Maine to sample humpback whale biopsies.
Skills include: work in a sterile environment, harmful chemical manipulation, biopsy collection with a crossbow, photo-ID, cell lines maintenance, etc.

Publications

Peer-Reviewed Journal Publications:
5 first-author (published) * indicate equal contributions

(In preparation)
(11) Lee, K., Jourdain, E., **Remili, A**., McKinney, MA., Karoliussen, R., Ruus, A., Borgå, K. Intraspecific differences in the diet composition of Norwegian killer whales (Orcinus Orca) inferred from Quantitative Fatty Acid Signature Analysis (anticipated submission March 2024)

(10) Jourdain, E.M., **Remili, A.**, McKinney, M.A., Karoliussen, R., Ruus, A., Borgå, K. Amino acid compound-specific stable isotopes reveal dietary differences between seal-feeding and fish-feeding killer whales in Northern Norway. (anticipated submission February 2024)

(9) Caputo, M., **Remili, A**., McKinney, M.A., Kizska, J.J. Niches partition in small odontocetes off Saint Pierre and Miquelon. (anticipated submission January 2024)

(8) **Remili, A**., McKinney, M.A., Maldonado-Rodriguez, A., Ferguson, S.H., Kizska, J.J. PCBs and organochlorines differ between toothed and baleen whales in Eastern Canada. (anticipated submission December 2023)

(7) Kizka, J.J., Caputo, M., **Remili, A**., McKinney, Ferguson, S.H. Niche partition of large baleen whales off Saint Pierre and Miquelon. (anticipated submission November 2023)

(In review)
(6) Desforges, J. P., Ferguson, S.H., **Remili, A.,** McKinney, M.A., Watt, C.A., Matthews, C.J.D. (2023). Killer whales (Orcinus orca) as a potential high exposure source of legacy and emerging contaminants to Inuit communities of the eastern Canadian Arctic. *Environmental Research*.

(Accepted)

(1) Lacombe, R.M., Atwood, C., Peacock, E., **Remili, A.**, Dietz, R., Sonne, C., McKinney, .MA., 2023. Long-term storage at -20 °C compromises fatty acid composition of polar bear adipose biopsies. *Marine Ecology Progress Series.*

(Published)

(5) **Remili, A.**, Dietz, R., Sonne, C., Samarra, F. I.P., Rikardsen, A. H., Ferguson, S.H., Watt, C.A., Matthews, C.J.D., Kiszka, J.J., Rosing-Asvid, A., McKinney, M.A. (2023). Varying Diet Composition Causes Striking Differences in Legacy and Emerging Contaminant Concentrations in Killer Whales across the North Atlantic. *Environmental Science & Technology*.

(4) **Remili, A.**, Dietz, R., Sonne, C., Samarra, F. I.P., Rikardsen, A. H., Kettemer, L. E., … & McKinney, M. A.. (2023). Quantitative fatty acid signature analysis reveals a high level of dietary specialization in killer whales across the North Atlantic. Journal of Animal Ecology, 1365-2656.13920

(3) **Remili, A**., Dietz, R., Sonne, C., Iverson, S. J., Roy, D., Rosing-Asvid, A., ... & McKinney, M. A. (2022). Validation of quantitative fatty acid signature analysis for estimating the diet composition of free-ranging killer whales. Scientific reports, 12(1), 1-12.

(2) **Remili, A.,** Letcher, R. J., Samarra, F. I.P., Dietz, R., Sonne, C., Desforges, J. P., ... & McKinney, M. A. (2021). Individual Prey Specialization Drives PCBs in Icelandic Killer Whales. *Environmental Science & Technology*, 55(8), 4923-4931.

(1) **Remili, A.,** Gallego, P., Pinzone, M., Castro, C., Jauniaux, T., Garigliany, M.M., Malarvannan, G., Covaci, A. and Das, K., 2020. Humpback whales (Megaptera novaeangliae) breeding off Mozambique and Ecuador show geographic variation of persistent organic pollutants and isotopic niches. *Environmental Pollution*, *267*, p.115575.

Book chapters

(1) Teixeira, C.*, **Remili A.***, Troina, G., Hernadez, H. Diet and trophic interactions of marine mammals. Marine Mammal Research in the 21st Century - Emerging Technologies and Applications for the Field and Laboratory Eds: Kiszka, J.J., Caballero, S., Srinivasan, M., & Heithaus. M.R. (*In prep*, launch 2024 at the at the 25th Biennial Conference on the Biology of Marine Mammals in Perth, Australia)

Presentations in conferences (* presenter)

October 2023	**CEW 2023,** Ottawa, Canada A first detailed meta-assessment of legacy and emerging POPs in killer whales across the North Atlantic Ocean show that diet explains most variation. **A. Remili***, R. Dietz, C. Sonne , F. I.P. Samarra, R. J. Letcher , A. H. Rikardsen, S. H. Ferguson, C. A. Watt, C. J.D. Matthews, J. J. Kiszka, A. Rosing-Asvid, M. A. McKinney
September 2023	**Dioxin 2023,** Maastricht, Netherlands Comparative analysis of persistent organic pollutants in free-ranging grey and harbour seals from Scotland: Influence of habitat, diet, and sex. K. Das*, P. Pomeroy, M. Collard, **A. Remili**, F. Damseaux, G. Malarvannan, A. Covaci
May 2023	**SETAC Europe 2023**, Dublin, Ireland First detailed assessment of organic contaminants in killer whales across the North Atlantic Ocean and the influence of diet composition. **A. Remili***, R. Dietz, C. Sonne , F. I.P. Samarra, R. J. Letcher , A. H. Rikardsen , L. E. Kettemer, S. H. Ferguson, C. A. Watt, C. J.D. Matthews, J. J. Kiszka, A. Rosing-Asvid, M. A. McKinney

December 2022	**NOAA Northwest Fisheries Science Center Weekly Seminar Series,** Online (*Invited speaker*) Newly validated quantitative fatty acid signature analysis reveals killer whale diet compositions across the North Atlantic. **A. Remili***
November 2022	**The Wildlife Society's Annual Conference 2022**, Spokane (WA), USA. (*Invited speaker*) Let's talk about fat: using fatty acid signatures to assess diet composition and application to marine mammal research. **A. Remili***, M.A. McKinney
August 2022	**Society for Marine Mammalogy 2022**, West Palm Beach, FL, USA Quantitative fatty acid signature analysis (QFASA) validated for killer whales and applied to estimate the diets of free-ranging killer whales across the North Atlantic. **A. Remili***, R. Dietz, C. Sonne, F.I.P. Samarra, A.H. Rikardsen, L.E. Kettemer, S.H. Ferguson, C.A. Watt, C.J.D. Matthews, J.J. Kiszka, E. Jourdain, K. Borgå, H. Land-Miller, A. F. Pedersen, M.A. McKinney
April 2022	**European Cetacean Society Conference 2022**, Online Validation of quantitative fatty acid signature analysis for estimating the diet composition of free-ranging killer whales. **A. Remili***, R. Dietz, C. Sonne, S.J. Iverson, D. Roy, A. Rosing-Asvid, H. Land-Miller, A.F. Pedersen and M.A. McKinney
November 2021	**NRS graduate seminars**, McGill University, Montréal, Canada Using dietary tracers to understand the feeding ecology and contaminant exposures of North Atlantic killer whales, **A. Remili***
June 2021	**Cetacean Sessions** by Bay Cetology, Online. *(Invited speaker)* You are what you eat, PCBs in North Atlantic killer whales, **A. Remili*** and C. Andvik
May 2021	**24 Heures de Sciences**, Online, Quebec Voyage avec les baleines, A. Remili and M. Bourque
May 2021	**SETAC Europe 2021**, Online Individual Prey Specialization Drives PCBs in Icelandic Killer Whales, **A. Remili***, R. J. Letcher, F.I.P. Samarra, R. Dietz, C. Sonne, J.P. Desforges, G. Vikingsson, D. Blair, M.A. McKinney
April 2021	**NAMMCO Student Symposium 2021**, Tromsø (Online), Norway Individual Prey Specialization Drives PCBs in Icelandic Killer Whales, **A. Remili***, R. J. Letcher, F.I.P. Samarra, R. Dietz, C. Sonne, J.P. Desforges, G. Vikingsson, D. Blair, M.A. McKinney
January 2020	**McGill North Day 2020**, Montréal, Canada Variation in blubber concentrations of persistent organic pollutants in Icelandic killer whales, 2014-2016, **A. Remili***, R. J. Letcher, F.I.P. Samarra, R. Dietz, C. Sonne, J.P. Desforges, G. Vikingsson, D. Blair, M.A. McKinney
December 2019	**World Marine Mammal Conference**, Barcelona, Spain A review of the current evidence on the classification of North Atlantic killer whale (*Orcinus orca*) as distinct ecotypes, **A. Remili***, R. Dietz, C. Sonne, R. J. Letcher, S. H. Ferguson, I. Eulaers, M.A. McKinney (Poster presentation)

November 2019	**SETAC North America 2019**, Toronto, Canada Blubber persistent organic pollutants levels in Icelandic killer whales (*Orcinus orca*), 2014-2016, **A. Remili***, R. J. Letcher, F.I.P. Samarra, R. Dietz, C. Sonne, J.P. Desforges, G. Vikingsson, D. Blair, M.A. McKinney
October 2019	**Arctic Circle Assembly**, Reykjavik, Iceland Dual Approach to Understanding Killer Whale Feeding Ecology in the North Atlantic Ocean **A. Remili*** *Won first prize of the international "My Nordic Project" competition*
August 2019	**Dioxin 2019 & Dioxin Student Session 2019**, Kyoto, Japan Persistent organic pollutants in humpback whales from the Southern Hemisphere: influence of gender stock and trophic ecology, **A. Remili***, P. Gallego, T. Jauniaux, G. Malarvannan, A. Covaci., K. Das
May 2019	**Mon Projet Nordique 2019**, Québec, Canada Dual Approach to Understanding Killer Whale Feeding Ecology in the North Atlantic Ocean **A. Remili*** *Won first prize*
February 2019	**SETAC YES 2019**, Ghent, Belgium Persistent organic pollutants in humpback whales from the Southern Hemisphere: influence of stock and trophic ecology, **A. Remili***, G. Malarvannan, A. Covaci., K. Das (Poster presentation)
September 2018	**VIVAs MER program 2018,** Plentzia Marine Station, Spain Persistent organic pollutants in humpback whales from the Southern Hemisphere: influence of stock and trophic ecology, **A. Remili***, G. Malarvannan, A. Covaci., K. Das *Won first prize: Prof. MB Colins Best Master Thesis Presentation*

Scholarships and grants

Total value > $155,000 (based on current exchange rates)

Grant or scholarship	Value	Location	Years
(9) SeaDoc Society grant for Diet composition of Southern Resident Killer Whales revealed by newly validated quantitative fatty acid signature analysis approach	50,000 USD	McGill University	2023-2024
(8) Carbon isotope analysis. Contract to M.A. McKinney and A. Remili from Fisheries and Oceans Canada (C. Matthews)	9,000 CAD	McGill University	2022-2023
(7) Contaminant analysis of St Pierre and Miquelon cetaceans. Contract to M.A. McKinney and A. Remili from Fisheries and Oceans Canada (S. Ferguson)	9,100 CAD	McGill University	2022-2023

(6) Effects of multiple stressors on Norwegian killer whales: MULTIWHALE (I am a collaborator on this grant, not included in the total amount).	2,949,000 Norwegian krone	McGill University	2021-2025
(5) FRQNT doctoral scholarship, Québec	35,000 CAD	McGill University	2022-2023
(4) Bourse DIALOGUE, FRQNT, Québec, to develop my science communication skills and develop Whale Scientists into a global whale communication platform (increase the monthly readership from 5-10K to 15-30K)	5,000 CAD	McGill University	2021
(3) ECOTOQ excellence award (stipend top-up) for 2019-2020	2,000 CAD	McGill University	2019-2020
(2) CREATE-Environmental Innovation Program, Department of Natural Resource Sciences, McGill University	19,250 CAD	McGill University	2019-2020
(1) MER consortium excellence grant to pursue my studies in the Erasmus Mundus MER+ master program	2,600 EUR	Universidad del Pais Vasco	2016-2018

Academic awards and prizes (competitive only)

Total value > $37,000 (based on current exchange rates)

Award	Value	Location and date
(22) Chapitre Saint Laurent ECOTOQ mobility award for CEW conference	500 CAD	Ottawa, October 2023
(21) QCBS Excellence Award	1500 CAD	Vestmannaeyjar, Iceland, August 2023
(20) Graduate mobility award by McGill University	1500 CAD	Vestmannaeyjar, Iceland, August 2023
(19) EcotoQ award for SETAC Europe conference	1500 CAD	Dublin, Ireland, May 2022
(17) QCBS excellence award for The Wildlife Society conference	1379 CAD	Spokane, WA, November 2022
(16) SMM Travel grant	900 USD	West Palm Beach, Florida,August 2022
(15) Graduate Research Enhancement and Travel Awards for SMM conference in Florida	400 CAD	West Palm Beach, Florida,August 2022
(14) QCBS excellence award for Icelandic field work	1440 CAD	Iceland, July 2022
(13) First prize for the “présente ta recherche en écotox” competition by ECOTOQ	400 CAD	Quebec, June 2022
(12) Principal’s Prize for Public Engagement through Media Runner-up	-	McGill University, June 2022

(11) ECOTOQ travel grant for SETAC Europe	364 CAD	Online, May 2021
(10) Travel award to attend the World Marine Mammal Conference	250 USD	Barcelona, Spain, December 2019
(9) Graduate Research Enhancement and Travel Awards, for SETAC North America conference	200 CAD	Toronto, November 2019
(8) First prize for the International "My Nordic Project" competition	-	Reykjavik, Iceland, October 2019
(7) First prize for the "My Nordic Project" competition	-	Quebec City, Institut Nordique du Québec, May 2019
(6) QCBS Excellence Award for the DIOXIN conference	1,213 CAD	Kyoto, Japan, 2019-2022
(5) SETAC Student Training Exchange Opportunity Award	1,000 USD	NWRC – ECCC, Ottawa, May-June 2023
(4) SETAC YES travel grant	400 USD	Belgium, February 2019
(3) Graduate Excellence Award by the Natural Resources Department of McGill University	15,750 CAD	2019-2022
(2) Prof. MB Collins Best Presentation Award for Master Thesis Defense	-	Sep-18
(1) Bourse à la mobilité du ministère de l'éducation et de l'enseignement supérieur (France)	5,000 EUR	2016-2018

Scientific outreach activities

May 2020-Now	Founder, main author (50+ pieces to date), infographic designer, and editor-in-chief of whalescientists.com; an online magazine by early-career researchers for the public. We explain and debunk marine mammal science and help aspiring whale scientists find opportunities in their early career. We also feature the career paths of various early-career marine mammal scientists to inspire future scientists and encourage the celebration of early-career researchers. *Whale Scientists* has 20+ writers and 15-30K monthly visitors. https://whalescientists.com/author/anaisremili/
October 2023	Delivered TED talk at the TEDxCape May 2023 conference, in Cape May, NJ, USA. I was invited by the organization committee to deliver this talk in person.
May 2023	Organized and delivered a workshop about science communication for early-career researchers for the Beluga Symposium organized by the University of Quebec in Montreal (bilingual workshop)
April – June 2023	Organized and hosted the third season of Bay Cetology's Cetacean Sessions, a free biweekly seminar series about cetacean research aimed to the public. The season I organized only focused on new research outputs from early-career researchers.
August 2022	Invited expert at the Science communication & Media panel at the Society of Marine Mammalogy 24th Biennial conference in Palm Beach, Florida

April 2022	Created and delivered a workshop about science communication: Communicate your findings to the public for early-career scientists. Audience: ~25 early-career researchers at the European Cetacean Society conference (online)
December 2021	Interview by "Let's talk science" to create the whale researcher career profile (Bilingual article), https://letstalkscience.ca/careers/anais-remili
June 2021	Organized ComSciCon Quebec 2021, a scientific communication conference initiated by Harvard to help early-career researchers engage in science communication.
May 2021	Invited expert for « 24 Heures de Science du Québec » (government-sponsored science outreach event) with Sciences à la Carte on Twitch
April 2020	Zoom seminars with young aspiring scientists through Ocean Research & Conservation Ireland (O.R.C.Ireland) Interacted with Irish students about marine biology and whale research
April 2020	Zoom seminar with French middle school class to teach young French pupils about marine mammals.

Science communication publications

- Remili A. Toxic diets: Canadian orcas face high risks of pollution-related health effects. The Conversation. October 2023, available online via: https://theconversation.com/toxic-diets-canadian-orcas-face-high-risks-of-pollution-related-health-effects-216324

- Remili A. Analyzing the fat of killer whales reveals what they eat. The Conversation. April 2023, available online via: https://theconversation.com/analyzing-the-fat-of-killer-whales-reveals-what-they-eat-203497 (Bilingual article)

- Remili A. Why are baby belugas born brownish-grey before changing color? Baleines en Direct. June 2022, available online via: https://baleinesendirect.org/en/pourquoi-les-bebes-belugas-naissent-ils-cafe-au-lait-avant-de-changer-de-couleur/ (Billingual article)

- Remili A. Qu'est-ce que ça mange, les épaulards?. Baleines en Direct. May 2022, available online via: https://baleinesendirect.org/quest-ce-que-ca-mange-les-epaulards/ (Billingual article)

- Remili A. La vie après la mort des baleines. Quebec Science. June 2020, available online via: https://www.quebecscience.qc.ca/sciences/vie-apres-mort-baleines/ (in French)

Curated from *Whale Scientists* (out of 50+ publications):

- Remili A. Baby killer whales face many challenges in their first year. Whale Scientists. June 2023, available online via: https://whalescientists.com/baby-killer-whales-challenges/

- Remili A. You can stop calling North Atlantic killer whales type 1 and type 2. Whale Scientists. August 2022, available online via: https://whalescientists.com/north-atlantic-killer-whales/

- Remili A. Why Should Early-career Scientists Engage in Science Communication?. Whale Scientists. May 2022, available online via: https://whalescientists.com/science-communication/

- Remili A. Preying on marine mammals might be threatening the survival of Icelandic orcas. Whale Scientists. March 2021, available online via: https://whalescientists.com/icelandic-orcas/

In the media

October 2023	Invited by Jean François Bouthillette to discuss by research on North Atlantic killer whales in the *Années lumière* Radio Canada show.
October 2023	Invited by Bob McDonald to talk about my research on North Atlantic killer whales in *Quirks and Quarks*, CBC Radio's award-winning weekly science program.
October 2023	Interviewed by National Geographic for a story about my research on North Atlantic killer whales: You are what you eat – and for orcas, that's bad news.
April 2023	Various media appearances to promote our research on North Atlantic killer whales' diets.
June 2022	Podcast Interview by Breaching Extinction on Orca Diet Estimates and Scientific Accessibility https://anchor.fm/breachingextinction/episodes/103--Orca-Diet-Estimates-and-Scientific-Accessibility-e1kd4si
May 2022	Remili recognized as Pricipal's Prize runner-up, McGill University News and Events, https://www.mcgill.ca/animal/channels/news/remili-recognized-pricipals-prize-runner-339537
May 2022	Press release by McGill University: Unlocking the secrets of killer whale diets and their role in climate change, https://phys.org/news/2022-05-secrets-killer-whale-diets-role.html (Bilingual article)
May 2022	Radio interview with Radio Canada about the decline of whale populations around Canada (in French) https://ici.radio-canada.ca/ohdio/premiere/emissions/bonjour-la-cote/segments/entrevue/401775/baleines-declin-pays-anais-remili-universite-mcgill
August 2021	A whale of a website: Grad student examines effects of pollutants on marine mammals, shares insights with public, on the McGill frontpage, https://www.mcgill.ca/channels/article/whale-website (Bilingual article)
May 2021	Press release by McGill University: PCB contamination in Icelandic orcas: a matter of diet, https://www.mcgill.ca/newsroom/channels/news/pcb-contamination-icelandic-orcas-matter-diet-330886 (Bilingual article)
March 2021	Podcast Interview by Super Spécialiste in Quebec for the killer whale episode (in French) https://podcasts.apple.com/ca/podcast/les-orques-%C3%A9paulards-avec-ana%C3%AFs-remili/id1548552261?i=1000514969194
March 2020	Video Interview for Cabine de Recherche – Savoir Média (in French), https://savoir.media/cabine-de-recherche/clip/anais-remili

Committees and associations

October 2023 – Present	Member of the SETAC Wildlife Ecotoxicology Interest Group Steering Committee
September 2021 – September 2023	Member of the Natural Resource Sciences Graduate Student Committee
October 2020 – October 2021	Communications chair for ComSciCon QC, a francophone scientific communication organisation initiated by Harvard to help early-career researchers engage in science communication.
October 2014 – October 2015	Secretary of the French National Council of Scientific Students (FNEB) Communication with fellow scientists; Leadership, management. Representation of students in politics.
October 2013 – October 2014	President of the Biology students Organization in UCBL Leadership, management. Event planning, advertising. Representation of students in university politics.

Memberships

2022 – present	The Wildlife Society (TWS)
2020 – present	Macdonald Campus Women in Science (Mac-WIS)
2019 – present	Society for Marine Mammalogy (SMM)
2018 – present	Society of Environmental Toxicology and Chemistry (SETAC)
2017 – present	European Cetacean Society (ECS)

Teaching

January 2020 – April 2023	Teaching assistant and guest lecturer for the winter ENV-301 Environmental Research Design in Quantitative Research at McGill University for Professor Jeffrey Cardille and Mr. Geoffrey Garver: *I was in charge of designing and delivering the quantitative analyses part of the curriculum.*
September 2020 – December 2023	Teaching assistant and guest lecturer for the fall ENV-301 Environmental Research Design in Quantitative Research at McGill University for Professor Raja Sengupta and Professor Christopher Barrington-Leigh. *I was in charge of designing and delivering the quantitative analyses part of the curriculum. I also gave an invited lecture on my own research.*
April 2020	Zoom seminar with French middle school class. Taught a class about Marine Mammal Ecotoxicology
February 2020	Teaching seminar, NRS Department, McGill University. Taught a class about Marine Mammal Ecotoxicology
September 2012 – July 2015	English Tutor employed by University Claude Bernard, Lyon I. Taught conversational English to French and International students. (*100+ hours*)

Academic mentoring

May 2022 – September 2023	Ambar Maldonado Rodriguez, BSc I am Ambar's co-supervisor for her honours project on the ecology of cetaceans off Eastern Canada inferred from Fatty Acid signatures. Rose Lacombe, BSc

September 2020 – April 2021	I was Rose's co-supervisor on her project involving fatty acids to age captive and wild killer whales.

Academic Services

Session chair for SETAC Europe 2024 (Accepted): Assessing and Predicting the Impact of Chemical Pollution on Marine Mammals: Challenges to Be Overcome, Future Prospects, and Conservation Strategies. (Session co-chairs: Dr. Antoine Simond, Dr. Krishna Das, Dr. Rune Dietz).

Journal Reviews

I reviewed over 15 publications for various journals: Polar Biology, Environmental Science & Technology, Scientific Reports, Science of the Total Environment, Environmental Toxicology and Chemistry, Frontiers in Marine Science, Chemosphere, etc.

Credentials

2016	Marine Mammal Observer, CIMA Research Foundation
2019	Workplace Hazardous Materials Information System certificate
2023	Marine Basic First Aid and CPR/AED Level A, Canadian Red Cross